PATENT ABSTRACTS OF JAPAN

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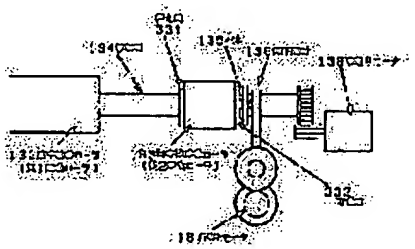
(54) RECORDER

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent the occurrence of meandering and a skew in a recording medium to be transferred by constituting so as to synchronously rotate in the same direction by joining first and second driving rollers to the same driving shaft, and arranging a roller diameter variable means which can vary a diameter of at least one driving roller.

SOLUTION: In a roller diameter variable mechanism, a first driving roller 132 is formed as a reference driving roller, and a variable diameter driving roller 133 being a second driving roller is formed so that its diameter becomes slightly smaller than the first driving roller 132. A pressing-down ring 331 fixed to a driving shaft 134 is arranged on the left of this second driving roller 133. A movable ring 332 displaced along the driving shaft 134 is arranged on the right of it. The movable ring 332 has a structure to be pressed down leftward by a pressing member 136 through a spring 135. The second driving roller 133 is formed of soft rubber, and when its diameter is displaced by displacing the movable ring 332 leftward, its diameter can be enlarged.



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